EMOTIA XTREME MX

Extron's EMOTIA™ XTREME MX converts up to 1600 x 1280 resolution video (29 - 92 kHz) from Workstation-PC, MAC, SUN, SGI and more to Composite video (NTSC/PAL), Y/C (S-Video), Component video and RGBS. It provides a real time, high resolution output along with professional genlock capabilities, multilevel anti-flicker, zoom, sizing and positioning capabilities and 21 preset input memory blocks.

Installation – VGA PC'S and SUN/SGI (All cables are included)

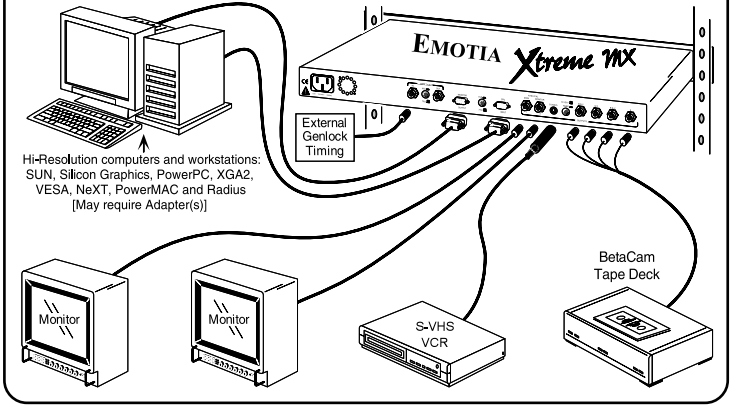
The Emotia Xtreme MX is housed in a rack-mountable metal enclosure and includes an internal 100-240 volt auto-switchable power supply.

1. Turn the computer and its monitor **Off.** In a SUN/SGI application, connect the provided adapters. Use the Diagram below as a guide.
2. Connect the input cable (26-112-15) — male end to computer, female end to MX **CPU Input**.
3. Use the computer monitor's cable to connect to the Emotia Xtreme MX **Monitor Output**.
4. Connect cable from the desired Xtreme MX output to the output device's input connector.
5. Turn computer and computer monitor power **On**.
6. Plug the 5-pin din cable from the power supply to the Emotia Xtreme MX **Power Input**.
7. Use the Emotia Xtreme MX Horizontal centering, Vertical centering, Horizontal Size and Vertical Size controls to align the image on the screen.
8. Set the remaining front panel switches as required.

Installation – MAC Systems (All cables are included)

1. Turn the MAC and its monitor **Off.**
2. Connect the Mac/VGA Adapter to the Mac computer - configured for desired scan rate. Connect the Input Cable (PN# 26-112-15) from the Mac/VGA Adapter to the CPU Input on the **Emotia Xtreme MX.** Use the appropriate output cable to connect the Mac monitor to the Monitor Output on the **Emotia Xtreme MX.** (Use diagram below and follow steps 4 through 8 above.)

CONNECTIONS


EMOTIA Xtreme MX
External Genlock Timing
Hi-Resolution computers and workstations: SUN, Silicon Graphics, PowerPC, XGA2, VESA, NeXT, PowerMAC and Radius [May require Adapter(s)]
Monitor
Monitor
S-VHS VCR
BetaCam Tape Deck

Emotia Xtreme MX Front Panel (A - G) and Rear Panel (H - T)

A. Freeze Button and LED – Press the Freeze Button once to freeze the display on a frame, press it again to release the display. The LED is on in Freeze Frame mode.

B. Power On LED – This LED is ON if power is applied to the unit.

C. Anti Flicker – Six levels of anti-flicker are built in. Set switches for minimum flicker.

D. PAL/NTSC – This switch selects between two output video standards.

E. Genlock Controls – If using Genlock, the two switches combine to make a coarse phase setting between the video output signal and the Genlock signal. These switch settings provide for 0º (in phase), or delayed by 90º, 180º, or 270º (both switches down) after the Genlock signal. The SCØ control is used to "fine-tune" this phase between Genlock sub-carrier (color burst) and the output video. The HØ control is used to adjust the phase between the Genlock Sync and the Output Video Sync.

F. Memory – Store up to 21 sizing and positioning settings for later recall. To save settings in memory, press and hold the STORE button until the STORE LED flashes ON then OFF.

G. IMAGE/ZOOM – With switch in the ZOOM position, use the sizing controls to adjust magnification up to 200%. Use the centering controls to pan around the displayed image.

Horizontal Centering Control – Moves the picture to the left or right on the display screen.

Vertical Centering Control – Moves the position of the picture up or down on the screen.

Horizontal Size Control – This adjusts the width of the picture.

Vertical Size Control – This adjusts the height of the picture.

H. AC Power Connector – Standard IEC type.

J. GENLOCK IN Connector – BNC connector for Genlock input.

K. GENLOCK HI-Z/75W – Pushbutton selects termination, If there is no other Genlock termination, set the switch to 75Ω.

L. GENLOCK OUT Connector – BNC connector for Genlock out to next device (if any).

M. MONITOR OUTPUT – Female 15-pin VGA style connector.

N. HI-Z/75Ω Switch – HI-Z = output monitor connected, 75Ω position = no output monitor.

O. CPU INPUT – Male 15-pin VGA style connector. Monitor output from Workstation connects here.

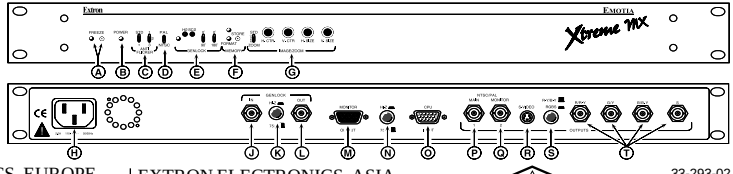
P. NTSC/PAL MAIN BNC Connector – Composite Video Output number 1.

Q. NTSC/PAL MONITOR BNC Connector – Composite Video Output number 2.

R. S-Video Connector – S-Video output for S-VHS, Hi8 or other devices accepting this video format.

S. R-Y/B-Y/RGBS Pushbutton – Selects R-Y/B-Y or RGBS video for BNC output connectors.

T. COMPONENT/RGBS Output – Four BNC connectors for Component or RGBS output video.



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Refer to the safety instructions in the literature that came with this equipment.

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